

IN THE CLAIMS

1. (Currently Amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image-sensing signal in a progressive scan mode; and

drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.

2. (Currently amended) An image sensing method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television system used as a basic cycle; and

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.

3. (Currently amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image sensing signal in an interlace scan mode or a progressive scan mode;

control means for controlling the electronic shutter such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode; and

output means for outputting the image sensing signal in the progressive scan mode, based on the shutter speed;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.

4. (Currently amended) An image sensing method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan

mode; and

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.

5. (Currently amended) An image sensing signal recording apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image-sensing signal in a progressive scan mode;

drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode;

scan converter means for converting the image sensing signal based on progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on progressive scanning, or the image sensing signal converted into the interlace scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.

6. (Currently amended) An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television system used as a basic cycle;

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.

7. (Currently amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image sensing signal in an interlace scan mode or a progressive scan mode;

control means for controlling the electronic shutter such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode;

output means for outputting the image sensing signal in the progressive scan mode, based on the shutter speed;

scan converter means for converting the image sensing signal based on progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on the progressive scanning, or the image sensing signal converted into the interlace scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.

8. (Currently amended) An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode;

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode; and

whereby when said storing of a still picture according to said progressive scan mode is performed, the image information corresponding to said still picture is stored in a record medium such that upon playback of said still image information from said record medium said still picture will be displayed for a predetermined period of time.